## FIG. 1(I)

| 10            | 20             | 30         | 40         | 50                | 60                 |
|---------------|----------------|------------|------------|-------------------|--------------------|
| MODESSES      | LLLLTHLPLA     | LGSPMYSIIT | PNILRLESEE | IMVLEAHDAQ        | 2DALALALAH         |
| MGF . DG. DDD |                |            |            |                   |                    |
| 70            | 80             | 90         | 100        |                   | 120                |
| PEDGKKINIS    | SEKTVLTPAT     | NHMGNVTFTI | FANREFKSEK | GRNKEVTVCA        | TEGTÇVVEKV         |
| Dir Granzi a  |                |            |            |                   |                    |
| 130           | 140            | 150        | 160        | 170               | 180                |
| V7.V51.055XL  | FICTOKTIYT     | PGSTVLYRIF | TVNHKLLFVG | RIVMVNIENP        | EGIPVKQDSL         |
| 121229000     |                |            |            |                   |                    |
| 190           | 200            | 210        | 220        | 230               | 240                |
| SSONELEVER    | LSWDIPELVN     | MGOWKIRAYY | ENSPOQVEST | EFEVKEIVLP        | SEEVIVEPIE         |
| 354           |                |            |            |                   |                    |
| 250           | 260            | 270        | 280        | 290               |                    |
| KEYYIYNEKS    | LEVITIARFL     | YGKKVEGTAF | VIFSICOGEC | RISLESIAN         | IFIEDGSGEV         |
|               |                |            |            |                   | 360                |
| 310           | 320            | 330        | 340        | 350               | 200                |
| VISREVILLES   | VONPRAEDLV     | GESTANSYL: | ILHSGSDMVC | XERESEFIVE        | SPIGIMI IN.        |
|               |                |            |            |                   |                    |
| 370           | 380            | 390        | 400        | 410               | 420                |
| PYTEREMPE     | CLMVFVTNPD     | GSPAYRVPVA | VOGEDTVOSL | TOSSGVAKLS        | INTRPSORPE         |
|               |                |            |            |                   | 400                |
| 430           | 440            | 450        | 460        | 470               | 480                |
| CONTRACE      | LSEAECATRI     | MORLPYSTVG | NSNNYLHLSV | LRIELRUGET        | TAANS TINGED       |
| J211111111111 |                |            |            |                   |                    |
| 490           | 500            | 510        | 520        | 530               |                    |
| RAHEAKIRYY    | TYLIMNKGRL     | LKAGROVREP | GODIVVIFIS | ITIDELPSER        | :VA::un            |
| 74412         |                |            |            |                   |                    |
| 550           | 560            | 570        | 580        | 590               | 600                |
| SCORFVVADS    | WWDVKDSCV      | GSLVVKSGQS | EDROPVFGCC | MILKIEGDAG        | ARVVLVAVDK         |
| 300.0         |                |            |            |                   |                    |
| 610           | 620            | €30        | 640        | 650               |                    |
| STATE LANGENK | LIOSKIWDVV     | EKADISCTFG | SCKDYAGVFS | CAGLIFIESS        | SCCINCIONEL        |
| <b>011</b>    |                |            |            |                   |                    |
| 670           | 680            | 590        | 700        | 710               | 720                |
| CCPOPAARRR    | RSVOLTEKRM     | DKVGKYPKEL | rkccedgmre | NPMRESCORE        | - 150 - 2 member   |
| 90. 4. /      |                |            |            |                   |                    |
| 730           | 740            | 750        | 760        | 770               |                    |
| KKVTLECTY     | ITELRROHAR     | ASHLGLARSN | LDEDIIAEEN | IVSESEFFES        | MIMMAETHE          |
|               |                |            |            |                   |                    |
| 790           | 800            | 910        | 520        | 830               | 17777777           |
| PPKNGISTKL    | MNIFLKESIT     | TWEILAVSMS | DKKGICVADF | FEVIVACUE         | IDLRLPYSVV         |
|               |                |            |            |                   |                    |
| 850           | 860            | 570        | 880        | 890               |                    |
| RNECVEIRAV    | LYMYRONGEL     | KVRVELLHNP | AFCELATIKE | BHGGIIII          | KSSLSVPYVI         |
|               |                |            |            |                   | 960                |
| 910           | 920            | 930        | 940        | 930               |                    |
| VPLMTGLCET    | TVKAAVYHHF     | isdgvrkslh | VVFEGIRMNK | TVAVETEDEE        | RLGREGVORE         |
|               |                |            |            |                   |                    |
| 970           | 980            | 990        | 1900       | 1010              |                    |
| DIPPROLECT    | WEDTESETRS     | LLOGTFVACM | TEDAVDAERL | KKLIVIFSGE        | SECNMIGMTP         |
|               |                |            |            |                   |                    |
| 1030          | 1040           | 1050       | 1060       | 1075              | 1080<br>KRAPSTWLTA |
| TITAVUYLEE    | TEQWERFGLE     | KROGALELIK | KGYTQQLAFR | <b>OFSSAFAATV</b> | KRAPSTWLTA         |
|               |                |            |            |                   | 1140               |
| 1090          | 1100           | 1110       | 1120       | 1130              | TT40               |
| YVVICTSLAV    | MLIAIDSOVL     | CGAVKWLILL | KOKEDOVECE | DAFTTROEM         | GGLRNNNERC         |
|               |                |            |            |                   | * 200              |
| 1152          | 1160           | 1170       | 1190       | 1190              | 1200<br>TAGYALAOMG |
| MAITATOTS     | LOEARDICEE     | OWNSLEGSIT | Kagdeleany | MNLORSYTVA        | iagyalaong         |
|               | <del>-</del> - |            |            |                   |                    |

|                      | 1220         | :230        | 1240            | 1250        | 1260                                    |
|----------------------|--------------|-------------|-----------------|-------------|---|
| 1210                 |              |             |                 | TOT KDEGEVE | PVVRWLNEOR                              |
| RLKGFLLNKF           | LITAKEKNRW   | EDFGKQLYNV  | عملنده: داهد    |             | PVVRWLNEQR                              |
|                      |              |             |                 |             |   |
|                      | 1280         | 1290        | 1300            | 1310        | 1320                                    |
| 1270                 | 1280         | 1250        |                 | SUTTYPOOR   | THWESASLLR                              |
| YYGGGYGSTO           | ATEMVEGALA   | CACKDYEDHO  | Flightingster   | PSRESKITHR  | 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
|                      |              |             |                 |             | _                                       |
| 1 220                | 1340         | 1350        | 1360            | 1370        | 1380                                    |
| 1330                 | 1540         |             | אדרים זייים אין | FDLKVTIKFA  | PETEKRPODA                              |
| SEETKENEGF           | TVTAEGKGGG   | ILSVVIMIMA  | WWATTE          |             |   |
|                      |              |             |                 |             |   |
| 1390                 | 1400         | 1410        | 1420            | 1430        | 1440                                    |
| 1330                 |              | CTIBTEMMTC  | FARRITERLKS     | LANGVERYIS  | KYELDKAFSD                              |
| KNIMILEICI           | RYRUDGUALR   | 3.11.10.00  | : N. 2 . 2      |             |   |
|                      |              |             |                 |             | 1500                                    |
| 1450                 | 1460         | 1470        | 1480            | 1490        |   |
| 1130                 |              | FRUHOVENUE  | LIOPGAVKVY      | AYYNLEESCT  | RFYHPEKEDG                              |
| RNTLIIYLDK           | A2425555     | E 1/4 1 . A |                 |             |   |
|                      |              |             |                 | 1550        | 1560                                    |
| 1510                 | 1520         | 1530        | 1540            | 1550        |   |
|                      | COCKEENCET   | OKSDDKVTLE  | ERLDKACEPG      | VDYVYKTRLV  | KVCLSNDFDE                              |
| KINKILKULA           | CACAEENTO. 2 | A.r.        |                 |             |   |
|                      |              |             | 1.00            | 1610        | 1620                                    |
| 1570                 | 1580         | 1590        |                 |             |   |
| UTUS TERRITY         | SESDEVOVGO   | ORTFISPIKC  | REALKLEEKK      | HYLMWGLSSD  | FMGT KLUT2 I                            |
| 1 1714 1 2 4 4 4 5 A | 202210.46    | •           |                 |             |   |
|                      |              |             | 1660            |             |   |
| 1630                 | 1640         | 1650        |                 |             |   |
| TECKETWVEH           | WPEEDECCDE   | ENQKQCQCLG  | AFTESMVVFG      | CPN         |   |
|                      |              |             |                 |             |   |

FIG. 1(II)

### FIG. 2(I)

|                                 |                                | • • - •                       | _ , _ ,            |                                |                                |
|---------------------------------|--------------------------------|-------------------------------|--------------------|--------------------------------|--------------------------------|
|                                 | ceteteset<br>12 20             | ct <del>gtccct</del> ct<br>30 | gtecetetga<br>40   |                                | toccige <b>acc</b><br>60       |
| atgççaccca<br>70                | cctcz <del>ggl</del> cc<br>80  | caçest <b>getg</b><br>90      | ctcctgctac<br>100  | taacceect<br>110               | esessi <del>ggs</del> t<br>120 |
| c: <del>9999</del> 2910         | ccatgtact:                     | tatcatcacc<br>150             | cccaacatet         | tg:gg:tgg=<br>170              | gagega <b>ggag</b><br>180      |
| accatggigs                      | tggaggscca<br>200              | cyacycycaa<br>210             | ggggatgtt:<br>220  | caçteactçt<br>230              | tactgtccac<br>240              |
|                                 | gcaaaaact<br>260               | agtgatates<br>270             | agtgagaaga<br>280  | ct <del>gtgctg</del> ac<br>290 | 2021326866                     |
|                                 |                                | cttcacçats                    | ccaçocaaca<br>340  | gggaçttcaa<br>350              | GECAGAAAAG<br>360              |
| <del>Gââc</del> éc <b>aa</b> ca |                                |                               |                    | cccaagegg                      | ggagaaggtg<br>420              |
|                                 | geetgeagag                     | cgggtacete                    |                    | caçacaaçac<br>470              |                                |
| 430                             | 440                            | teggatette                    | accgtcaacc         | acaagetçet                     |                                |
| 490                             | 500<br>tggtcaacat              | 510<br>tgagaacceg             | 520<br>gaaggcatee  | 530                            | ggactcottg                     |
| 550                             | 560                            | 570                           | 380                | acattecqqa                     | actogtoasc                     |
| 610                             | 620                            | 630                           | 640                | 650<br>cacageaggs              | 650                            |
| 670                             | 680                            | 690                           | 700                | 710                            | .20                            |
| 730                             | 740                            | 750                           | 760                | 770                            | ,,,,                           |
| 790                             | 800                            | 810                           | 820                | ecatcacege<br>830              | 040                            |
| 850                             | 860                            | 870                           | 880                | ggatotagga<br>890              | ,,,,                           |
| 910                             | 920                            | 930                           | 940                | aggatggete<br>950              | 300                            |
| 970                             | 980                            | 990                           | 1000               | 2029496494<br>1010             | 1010                           |
| 1030                            | 1040                           | 1350                          | 1080               | cașșcaștșa<br>1070             | 2000                           |
| 9029290503<br>1090              | <del>9:999</del> 2t===<br>1100 | categregace<br>iii0           | totesetaes<br>1120 | agatecaett<br>1130             | Caccaagaga<br>1140             |
| cccaaçtact<br>1150              | tcasaccaçç<br>1160             | aatgeeettt<br>1170            | gasstuatų;<br>1180 | tşttaştçar<br>1190             | gaaccctgat<br>1200             |
| :210<br>¢¢stscssa¢              | 1220                           | 1230                          | 1240               | aççacacıçı<br>1250             | ge <b>agteteta</b><br>1260     |
|                                 | SUB                            | STITUTE SHE                   | ET (RULE 26        | 5)                             |                                |

# FIG. 2(II) 4/19

| 1 10               | . 21       | •           |                               |            |                     |
|--------------------|------------|-------------|-------------------------------|------------|---------------------|
|                    | atesestags | CAAACLEAGE  | atcaacacac                    | assssagesa | gaagessay           |
| 1270               | 1280       | 1290        | 1300                          |            |                     |
|                    |            | C21CC1CC1C  | 25252525                      | SAGAGEAGGE | taccaggacc          |
| 1330               | 1340       | 1330        | 2300                          |            |                     |
|                    |            |             | aactccaaca                    | attacctgca | teteteagtg          |
| 1390               | 1400       | 1410        | 1420                          | 2.20       |                     |
|                    |            |             | ctcaacçtta                    | acttoctoct | gogaatggac          |
| 1450               | 1460       | 1470        | 1480                          | 1490       | 1500                |
|                    |            | cocctactac  | acctacctga                    | tcatgaacaa | gggcaggetg          |
| 1510               | 1520       | 1530        | 1340                          | 1330       | 2000                |
|                    |            |             | \$\$\$\$\$\$ <b>\$</b> \$\$\$ | testsstest | gesectites          |
| 1570               | 1580       | 1590        | 1600                          | 1610       | 1620                |
|                    |            | ******      | ctggtggcgt                    | actacacçet | gatoggtgee          |
| 1630               | 1640       | 1650        | 1660                          | 1670       | 1680                |
|                    |            | cocceaet co | grereggies                    | zesteaagga | ctcctccctc          |
| 1690               | 1700       | 1710        | 1.20                          | 1750       | 2                   |
|                    |            |             | gaagacc <del>;</del> ;c       | accetgtace | tgggcag <b>ca</b> g |
| 1750               | 1760       | 1770        | 1780                          | 1790       | 1800                |
|                    | 2011202000 | rascescore  | geoogggtgg                    | tactggtggt | cgtggacaag          |
| 1810               | 1820       | 1830        | 1840                          | 1030       | 3333                |
|                    |            | паапаасааа  | ctgacgcaga                    | gtaagatetg | ggacqtqgtg          |
| 1870               | 1880       | 1890        | 1900                          | 1310       | 2020                |
|                    | 303100000  | cassesses   | açtççç <b>aa</b> gş           | attacçosgg | tgtcttctss          |
| 1930               | 1940       | 1950        | 1960                          | 13.0       |                     |
|                    | reacetteas | gagcagcact  | ççssagsaga                    | segeceagag | ggcagaactt          |
| 1990               | 2000       | 2010        | 2020                          | 2030       | 2010                |
|                    | AGCSAGCCSS | CCCCCGACGC  | sattssatac                    | acctcacgga | daadcdaagd          |
| 2050               | 2060       | 2070        | 2080                          | 2030       | 2000                |
| G3C3336755         | ccaactaccc | caaggagsts  | cacaagtact                    | accaddaced | catgogggag          |
| 2110               | 2120       | 2130        | 2140                          | 2130       |                     |
| aaccccatea         | cattoteata | ccadedecede | accoptttaa<br>2200            | teteeetggg | cdsååååååå          |
| 2170               | 2180       | 2190        | 2200                          |            |                     |
| AAGAAGELEL         | testogasts | ctșcaactac  | atcacaçaço                    | râtôĉtâŝes | dcscaciedd          |
| 2230               | 2240       | 1250        | 2260                          | 2270       |                     |
|                    | tacccctac  | caggagtaac  | ctggatgagg                    | acatcatt;c | agaagagaac          |
| 2290               | 2300       | 2310        | 2320                          | 2334       |                     |
|                    | gaagtgagtt | cccadadacc  | t çç ct çt çç a               | scáttásáás | cttg222gag          |
| 2350               | 2360       | 2370        | 2350                          | 2330       |                     |
|                    | atopaatete | tacoaacstc  | atqaatatat                    | ttttpaaaga | CTESATEACE          |
| 2410               | 2420       | 2430        | 2440                          | 2.50       |                     |
|                    | ******     | caccatoted  | çacaaqaaaq                    | ggatetetet | dàcadaceee          |
| 2470               | 2480       | 2490        | 1300                          | 23.0       |                     |
|                    | -201227-03 | ssattette   | atcoscotgo                    | ççctasssta | ctctgttctt          |
| ctcqaqqtca<br>2530 | 2540       | 255V        | 2560<br>(DUI 5.06)            | 23,0       | 2580                |

# FIG. 2(III) 5/19

|   | 2001003331   | ccgacccctt  | ctctacaatt   | accescagaa  | ccaagagett  |
|---|--|---|--|---|---|
|   | 2500   | 2610  | 2620   | 2630  | 2640  |
| 2590  | 2600   | 2010  | 2020   |   |   |
|   |  |   |  |   |   |
| aaççıqaççç  | togaactact   | ssacaatesa  | gesttetesa   | cest decrat   | Caccaagagg  |
| 2650  | 2660   | 2670  | 2680   | 2690  | 2700  |
| 2630  | 2000   |   |  |   |   |
|   |  |   |  | + -+ ccsttss  | atateteate  |
| cotcaccaço  | agaccataac   | catsceces   | aagteeteet   | 2750  | 2760  |
| 2710  | 2720   | 2730  | 2740   | 2750  | 2760  |
|   |  | •   |  |   |   |
|   |  |   |  |   | ceateattte  |
| GESSESSEAA  | agassggest   | gsaggaagtg  | gaaçttaaçç   | 2010  | 2820  |
| 2770  | 2780   | 2790  | 2800   | 2810  | 2820  |
| • • • •   |  |   |  |   |   |
|   |  |   |  | aaggaat CAG   | aatgaacaaa  |
| atcagtgacç  | âtár csádss  | gtocotgaag  | årcåråreåå   | 2020  | 2880  |
| 2830  | 2840   | 2850  | 2860   | 2870  | 2680  |
| _   |  |   |  |   |   |
|   |  | ggatocagaa  |  | et daaggagt   | PERSESSE  |
| actiticati  | ffffgerer  | -44   | 2020   | 2930  | 2940  |
| 2890  | 2900   | 2910  | 2920   | 2330  | 23.0  |
|   |  |   |  |   |   |
|   |  | caștçaccaa  | ctccccaca  | cceastitga  | gacsaga <u>at</u> t   |
| gacatettae  |  | 2970  | 2980   | 2990  | 3000  |
| 2950  | 2960   | 2970  | 2380   |   | •   |
|   |  |   |  |   |   |
|   |  | geoccagate  | ACAGAGGETS   | ccarcascac  | <u> </u>  |
|   |  | 3030  | 3040   | 3050  | 3060  |
| 3010  | 3020   | 2020  | 3040   |   | •   |
|   |  |   |  |   |   |
|   | *******  | ctcgggctgc  | CCCGGACAGA   | acatgategg  | catgacqccc  |
|   |  | 3090  | 3100   | 3110  | 3120  |
| 3070  | 3080   | 2030  | 2100   |   |   |
|   |  |   |  |   |   |
|   | -+-+atta   | cctggatgaa  | acquageact   | gggagaagtt  | cggcctagag  |
|   | 33.40  | 3150  | 3160   | 3170  | 3180  |
| 3130  | 3140   | 3250  | 2200   | ••••  |   |
|   |  |   |  |   |   |
|   | coccettada   | çeteateaaç  | aaggggtaca   | cccagcaget  | dacerrada   |
|   | 3200   | 3210  | 3220   | 3230  | 3240  |
| 3190  | 3200   | 22.0  |  |   |   |
|   |  |   |  |   |   |
| CARCCCACCE  | stassttts  | ggscttcgts  | aaacçççcac   | ccadcacată  | <b>Accested</b>   |
| 3250  | 3260   | 3270  | 3280   | 3290  | 3300  |
| 3230  | 2000   |   |  |   |   |
|   |  |   |  |   |   |
| taceteetta  | aggtettete   | tetgeetgte  | aaccttateg   | Ceatigacti  | 33.60   |
| 3310  | 3320   | 3330  | 3340   | 3350  | 3360  |
| 3327  |  |   |  |   |   |
|   |  |   |  |   |   |
|   |  |   |  | cceaegget   | cttccaggag  |
| ceceegeete  | ttaaatççct   | gatestggaç  | aagcagaagc   | ccçacqqqqt  | cttccaggag  |
|   | ttaaatççet<br>3380   | gatootggaç<br>3390  | aagcagaagc<br>3400   | csşacggggt<br>3410  | cttccaggag<br>3420  |
| 3370  | ttaaatççet<br>3380   | gatootggaç<br>3390  | aagtagaagt<br>3400   | ccşzcggggt<br>3410  |   |
| 3370  | 3380   | 3390  | 3400   | 3410  | 3420  |
|   | 3380   | agaaatgatt  | ggtggattac   | ççascascas  | 3420<br>cgagaaagae  |
| 3370  | 3380   | 3390  | 3400   | 3410  | 3420  |
| 3370<br>gatgcgtttg<br>3430  | 3380<br>tçatacacca<br>3440   | 3390<br>agaaatgatt<br>3450  | ggtggattac<br>3460   | ççaacaacaa<br>3470  | 3420<br>cgagaaagae<br>3480  |
| 3370<br>gatgcgtttg<br>3430  | 3380<br>tçatacacca<br>3440   | 3390<br>agaaatgatt<br>3450  | ggtggattac<br>3460   | ççaacaacaa<br>3470  | 3420<br>cgagaaagae<br>3480  |
| 3370<br>gatgcgtttg<br>3430  | 3380<br>tgatacacca<br>3440   | agaaatgatt<br>3450  | ggtggattac<br>3460<br>ctgcaggagg   | ççaacaacaa<br>3470<br>ctaaaqatat  | 3420<br>cgagaaagae<br>3480<br>ttgcgaggag  |
| 3370<br>gatgcgtttg<br>3430  | 3380<br>tçatacacca<br>3440   | 3390<br>agaaatgatt<br>3450  | ggtggattac<br>3460   | ççaacaacaa<br>3470<br>ctaaaqatat  | 3420<br>cgagaaagae<br>3480  |
| 3370<br>gatgcccccg<br>3430<br>atgccctca<br>3490   | 3380 tgatacacca 3440 eggcetttgt 3500   | agaaatgatt<br>3450<br>tettatetee<br>3510  | ggtggattac<br>3460<br>ctgcaggagg<br>3520   | ggaacaacaa<br>3470<br>ctaaagatat<br>3530  | 3420<br>cgagaaagae<br>3480<br>ttgcgaggag<br>3540  |
| 3370<br>gatgcccccg<br>3430<br>atgccctca<br>3490   | 3380 tgatacacca 3440 eggcetttgt 3500   | agaaatgatt<br>3450<br>tettatetee<br>3510  | ggtggattac<br>3460<br>ctgcaggagg<br>3520   | ggaacaacaa<br>3470<br>ctaaagatat<br>3530  | 3420<br>cgagaaagae<br>3480<br>ttgcgaggag<br>3540  |
| 3370 gatgcccccq 3430 atgccccca 3490   | 3380 tqatacaca 3440 cqqcctttqt 3500  | agaaatgatt<br>3450<br>tottatotog<br>3510  | ggtggattac<br>3460<br>ctgcaggagg<br>3520<br>aaagcaggag   | ççaacaacaa<br>3470<br>ctaaaçatat<br>2530<br>actteettça  | 3420<br>cgagaaagae<br>3480<br>ttgcgaggag<br>3540  |
| 3370<br>gatgcccccg<br>3430<br>atgccctca<br>3490   | 3380 tgatacacca 3440 eggcetttgt 3500   | agaaatgatt<br>3450<br>tottatotog<br>3510  | ggtggattac<br>3460<br>ctgcaggagg<br>3520   | ggaacaacaa<br>3470<br>ctaaagatat<br>3530  | 3420<br>cgagaaagae<br>3480<br>ttgcgaggag<br>3540  |
| 3370  pargepers 3430  argepers a 3490  cappraaca 3550   | 3380 tqatacaca 3440 cqqcctttqt 3500 qcctqccaqq   | agaaatgatt<br>3450<br>tctcatctcç<br>3510<br>cagcatcact  | ggtggattac<br>3460<br>ctgcaggagg<br>3520<br>aaagcaggag<br>3580   | ççaacaacaa<br>3470<br>ctaaaçatat<br>3530<br>acttecttga<br>3590  | 3420<br>cgagaaagae<br>3480<br>ttgcgaggag<br>3540<br>agccaactac<br>3600  |
| 3370  pargepers 3430  argepers a 3490  cappraaca 3550   | 3380 tqatacaca 3440 cqqcctttqt 3500 qcctqccaqq   | agaaatgatt<br>3450<br>tctcatctcç<br>3510<br>cagcatcact  | ggtggattac<br>3460<br>ctgcaggagg<br>3520<br>aaagcaggag<br>3580   | ççaacaacaa<br>3470<br>ctaaaçatat<br>3530<br>acttecttga<br>3590  | 3420<br>cgagaaagae<br>3480<br>ttgcgaggag<br>3540<br>agccaactac<br>3600  |
| 3370 gatgcccccq 3430 atgccccca 3490 cacgccacca 2550   | 3380 tgatacaca 3440 cggcctttgt 3500 gcctgccagg 3560 agagatccta   | agaaatgatt 3450 tottatotog 3510 cagcatcact 3570   | ggtggattac<br>3460<br>ctgcaggagg<br>3520<br>aaagcaggag<br>3580   | ggaacaacaa<br>3470<br>ctaaagatat<br>3530<br>actteettga<br>3590  | 3420<br>cgagaaagae<br>3480<br>ttgcgaggag<br>3540<br>agccaactac<br>3600  |
| 3370  pargepers 3430  argepers a 3490  cappraaca 3550   | 3380 tqatacaca 3440 cqqcctttqt 3500 qcctqccaqq   | agaaatgatt<br>3450<br>tctcatctcç<br>3510<br>cagcatcact  | ggtggattac<br>3460<br>ctgcaggagg<br>3520<br>aaagcaggag<br>3580   | ggaacaacaa<br>3470<br>ctaaagatat<br>3530<br>actteettga<br>3590  | 3420 cgagaaagae 3480 ttgcgaggag 3540 agccaactac 3600 ccagatgggc   |
| 3370  pargepeeg 3430  argepeeta 3490  cappraaca 3550  argaacetac 3610   | 3380 tqatacaca 3440 cqqcctttqt 3500 qcctqccaqq 3560 aqaqatccta 3620  | agaaatgatt 3450 totoatotog 3510 cagcatcact 3570 cactgtggcc 3630   | ggtggattac<br>3460<br>ctgcaggagg<br>3520<br>aaagcaggag<br>3580<br>attgctggct<br>3640                                     | ççaacaacaa<br>3470<br>ctaaaçatat<br>3530<br>actteettça<br>3590<br>atçetetçça<br>3650  | 3420 cgagaaagae 3480 ttgcgaggag 3540 agccaactac 3600 ccagatgggc 3660  |
| 3370  pargepeeg 3430  argepeeta 3490  cappraaca 3550  argaacetac 3610   | 3380 tqatacaca 3440 cqqcctttqt 3500 qcctqccaqq 3560 aqaqatccta 3620  | agaaatgatt 3450 totoatotog 3510 cagcatcact 3570 cactgtggcc 3630   | ggtggattac<br>3460<br>ctgcaggagg<br>3520<br>aaagcaggag<br>3580<br>attgctggct<br>3640                                     | ççaacaacaa<br>3470<br>ctaaaçatat<br>3530<br>actteettça<br>3590<br>atçetetçça<br>3650  | 3420 cgagaaagae 3480 ttgcgaggag 3540 agccaactac 3600 ccagatgggc 3660  |
| 3370  gatgegeseg 3430  atggeseta 3490  cacgttaaca 3550  atgaacetze 3610   | 3380 tqatacacca 3440 cqqcctttqt 3500 qcctqccaqq 3560 aqaqatccta 3620   | agaaatgatt 3450 tottatotog 2510 cagcatcact 3570 cactgtggcc 3630   | ggtggattac<br>3460<br>ctgcaggagg<br>3520<br>aaagcaggag<br>3580<br>actgctggct<br>3640                                     | ggaacaacaa 3470 ctaaagatat 2530 actteettga 3590 ateettege 3650  | 3420 cgagaaagae 3480 ttgcgaggag 3540 agccaactac 3600 ccagatgggc 3660  |
| 3370  pargepeeg 3430  argepeeta 3490  cappraaca 3550  argaacetac 3610   | 3380 tqatacaca 3440 cqqcctttqt 3500 qcctqccaqq 3560 aqaqatccta 3620  | agaaatgatt 3450 totoatotog 3510 cagcatcact 3570 cactgtggcc 3630   | ggtggattac<br>3460<br>ctgcaggagg<br>3520<br>aaagcaggag<br>3580<br>attgctggct<br>3640                                     | ggaacaacaa 3470 ctaaagatat 2530 actteettga 3590 ateettege 3650  | 3420 cgagaaagae 3480 ttgcgaggag 3540 agccaactac 3600 ccagatgggc 3660  |
| 3370  gatgegeseg 3430  atggeseta 3490  caggteaaca 3550  atgaacetae 3610  aggeteaacg 3670                                      | 3380 tgatacaca 3440 cggcctttgt 3500 gcctgccagg 3560 agagatccta 3620 ggctctcttct 3680   | agaaatgatt 3450 tottatotog 3510 cagcatcact 3570 cactgtggcc 3630 taacaaattt 3690                                 | ggtggattac<br>3460<br>ctgcaggagg<br>3520<br>aaagcaggag<br>3580<br>attgctgget<br>3640<br>ctgaccacag                       | ######################################  | 3420 cgagaaagae 3480 ttgcgaggag 3540 agccaactac 3600 ccagatgggc 3660 gaaccgctgg 3720  |
| 3370  gatgegeseg 3430  atggeseta 3490  caggteaaca 3550  atgaacetae 3610  aggeteaacg 3670                                      | 3380 tgatacaca 3440 cggcctttgt 3500 gcctgccagg 3560 agagatccta 3620 ggctctcttct 3680   | agaaatgatt 3450 tottatotog 3510 cagcatcact 3570 cactgtggcc 3630 taacaaattt 3690                                 | ggtggattac<br>3460<br>ctgcaggagg<br>3520<br>aaagcaggag<br>3580<br>attgctgget<br>3640<br>ctgaccacag                       | ######################################  | 3420 cgagaaagae 3480 ttgcgaggag 3540 agccaactac 3600 ccagatgggc 3660 gaaccgctgg 3720  |
| 3370  gatgegeseg 3430  atggeseta 3490  cacgttalca 3550  atgaasetas 3610  aggettaleg 3670                                      | 3380 tpatacacca 3440 cppcctttpt 3500 pcctpccapp 3560 agagatccta 3620 ppcctcttct 3680 ctaagcapt                                       | agaaatgatt 3450 tettatetee 3510 cagcateact 3570 cactgteecc 3630 taacaaattt 3690 ctacaaacete                     | 3400 ggtggattac 3460 ctgcaggagg 3520 aaagcaggag 3580 attgctgget 3640 ctgaccacag 3700                                     | ggaacaacaa 3470 ctaaagatat 3530 acttccttga 3590 atcccttggc 3650 ccaaagataa 3710   | 3420 cgagaaagae 3480 ttgcgaggag 3540 agccaactac 3600 ccagatgggc 3660 gaaccgctgg 3720  |
| 3370  gatgegeseg 3430  atggeseta 3490  caggteaaca 3550  atgaacetae 3610  aggeteaacg 3670                                      | 3380 tgatacaca 3440 cggcctttgt 3500 gcctgccagg 3560 agagatccta 3620 ggctctcttct 3680   | agaaatgatt 3450 tettatetee 3510 cagcateact 3570 cactgteecc 3630 taacaaattt 3690 ctacaaacete                     | ggtggattac<br>3460<br>ctgcaggagg<br>3520<br>aaagcaggag<br>3580<br>attgctgget<br>3640<br>ctgaccacag                       | ggaacaacaa 3470 ctaaagatat 3530 acttccttga 3590 atcccttggc 3650 ccaaagataa 3710   | 3420 cgagaaagae 3480 ttgcgaggag 3540 agccaactac 3600 ccagatgggc 3660 gaaccgctgg 3720  |
| 3370  gatgegeeeg 3430  atggeeeta 3490  caggteaaca 3550  atgaacetze 3610  aggeteaacg 3670  gaggaeeetg 3730                     | 3380 tqatacaca 3440 cqqcctttqt 3500 qcctqccaqq 3560 aqaqatccta 3620 qqcctcttct 3680 qtaaqcaqct                                       | agaaatgatt 3450 tottatotog 3510 cagcatcact 3570 cactgtggcc 3630 taacaaattt 3690 ctacaacgtg                      | ggtggattac<br>3460<br>ctgcaggagg<br>3520<br>aaagcaggag<br>3580<br>attgctggct<br>3640<br>ctgaccacag<br>3700<br>gaggccacat | ggaacaacaa 3470 ctaaagatat 3530 actteettga 3590 atqetetgga 3650 ccaaagataa 3710   | 3420 cgaqaaagae 3480 ttgcgaggag 3540 agccaactac 3600 ccaqatgggc 3660 qaaccgctgg 3720 cttggcccta 3780                        |
| 3370  gatgegeeeg 3430  atggeeeta 3490  caggteaaca 3550  atgaacetze 3610  aggeteaacg 3670  gaggaeeetg 3730                     | 3380 tqatacaca 3440 cqqcctttqt 3500 qcctqccaqq 3560 aqaqatccta 3620 qqcctcttct 3680 qtaaqcaqct                                       | agaaatgatt 3450 tottatotog 3510 cagcatcact 3570 cactgtggcc 3630 taacaaattt 3690 ctacaacgtg                      | ggtggattac<br>3460<br>ctgcaggagg<br>3520<br>aaagcaggag<br>3580<br>attgctggct<br>3640<br>ctgaccacag<br>3700<br>gaggccacat | ######################################  | 3420 cgaqaaagae 3480 ttgcgaggag 3540 agccaactac 3600 ccaqatgggc 3660 gaaccgctgg 3720 cttggccta 3780                         |
| 3370  pargreers 3430  argreers a 3490  cappraaca 3550  argaaccta 3610  appraacct  | 3380  tgatacaca 3440  cggcctttgt 3500  gcctgccagg 3560  3620  ggcctcttct 3680  ctaagcacct 3740  aagastttga                           | agaaatgatt 3450 teteateteq 3510 cageateact 3570 cactgtqqcc 3630 taacaaattt 3690 ctacaacqtq 3750                 | ggtggattac<br>3460<br>ctgcaggagg<br>3520<br>aaagcaggag<br>3580<br>attgctggct<br>3640<br>ctgaccacag<br>3700<br>gaggccacat | ggaacaacaa 3470 ctaaagatat 3530 actteettga 3590 atqetetgga 3650 ccaaagataa 3710   | 3420 cgaqaaagae 3480 ttgcgaggag 3540 agccaactac 3600 ccaqatgggc 3660 qaaccgctgg 3720 cttggcccta 3780                        |
| 3370  gatgegeeeg 3430  atggeeeta 3490  caggteaaca 3550  atgaacetze 3610  aggeteaacg 3670  gaggaeeetg 3730                     | 3380 tqatacaca 3440 cqqcctttqt 3500 qcctqccaqq 3560 aqaqatccta 3620 qqcctcttct 3680 qtaaqcaqct                                       | agaaatgatt 3450 tottatotog 3510 cagcatcact 3570 cactgtggcc 3630 taacaaattt 3690 ctacaacgtg                      | 3400 ggtggattac 3460 ctgcaggagg 3520 aaagcaggag 3580 attgctgget 3640 ctgaccacag 3700 gaggccacat 3760                     | ######################################  | 3420 cgaqaaagae 3480 ttgcgaggag 3540 agccaactac 3600 ccaqatgggc 3660 gaaccgctgg 3720 cttggccta 3780                         |
| 3370  pargepers 3430  argeretta 3490  cappraaca 3550  argaacata 3610  appraacata 3670  paggaccat 3730  cappraacata 3790       | 3380 tqatacacca 3440 cqqcctttqt 3500 qcctqccaqq 3560 aqaqatccta 3620 qqcctcttct 3680 ctaaqcacct 3740 aaqactttqa 3800                 | agaaatgatt 3450 tettateteg 3510 cagcatcact 3570 cactgtggcc 3630 taacaaattt 3690 ctacaaagtg 3750 ctttgtgcct 3810 | 3400 ggtggattac 3460 ctgcaggagg 3520 aaagcaggag 3580 attgctggct 3640 ctgaccacag 3700 gaggccacat 3760 cccgtcgtc           | ggaacaacaa 3470 ctaaagatat 2530 actteettga 3590 atcettgga 3650 ccaaagataa 3710 cctatgeett 3770 gttggetaaa 3830                | 3420  cgaqaaagae 3480  ttgcgaggag 3540  agccaactac 3600  ccaqatgggc 3660  gaaccgctgg 3720  cttggcccta 3780  tgaacagaga 3840 |
| 3370  pargepers 3430  argeretta 3490  cappraaca 3550  argaacata 3610  appraacata 3670  paggaccat 3730  cappraacata 3790       | 3380 tqatacacca 3440 cqqcctttqt 3500 qcctqccaqq 3560 aqaqatccta 3620 qqcctcttct 3680 ctaaqcacct 3740 aaqactttqa 3800                 | agaaatgatt 3450 tettateteg 3510 cagcatcact 3570 cactgtggcc 3630 taacaaattt 3690 ctacaaagtg 3750 ctttgtgcct 3810 | 3400 ggtggattac 3460 ctgcaggagg 3520 aaagcaggag 3580 attgctggct 3640 ctgaccacag 3700 gaggccacat 3760 cccgtcgtc           | ggaacaacaa 3470 ctaaagatat 3530 acttecttga 3590 atctettga 3650 ccaaagataa 3710 cctatgcett 3770 gttggtteca                     | 3420  cgaqaaagae 3480  ttgcgaggag 3540  agccaactac 3600  ccaqatgggc 3660  gaaccgctgg 3720  cttggcccta 3780  tgaacagaga 3840 |
| 3370  pargreers 3430  argreers a 3490  caggreas a 3550  argaac t 2 2 3610  aggree a 4 7 7 0 7 7 3 7 3 0 0 0 0 0 0 0 0 0 0 0 0 | 3380  tratacacca 3440  errectter 3500  gcetracarr 3560  agaratecta 3620  rrectettet 3680  rtaarcart 3740  aaratttra 3800  gropetatry | agaaatgatt 3450 teteateteq 3510 cageateact 3570 cactgtqqcc 3630 taacaaattt 3690 ctacaacqtq 3750 ctttqtqcct 3810 | 3400 ggtggattac 3460 ctgcaggagg 3520 aaagcaggag 3580 attgctggct 3640 ctgaccacag 3700 gaggccacat 3760 cccgtcgtc           | ggaacaacaa 3470 ctaaagatat 3530 actteettga 3590 atectetgga 3650 ccaaagataa 3710 cctatgcett 3770 gttggetcaa 3830 tggtgtteca    | 3420  cgaqaaagae 3480  ttgcgaggag 3540  agccaactac 3600  ccaqatgggc 3660  gaaccgctgg 3720  cttggcccta 3780  tgaacagaga 3840 |
| 3370  pargepers 3430  argeretta 3490  cappraaca 3550  argaacata 3610  appraacata 3670  paggaccat 3730  cappraacata 3790       | 3380  tratacaca 3440  crectttrat 3500  pcctracarr 3560  agaratecta 3620  rrctcttct 3680  ctaarcart 3740  aaractttra 3800  gtgqctatgg | agaaatgatt 3450 tettateteg 3510 cagcatcact 3570 cactgtggcc 3630 taacaaattt 3690 ctacaaagtg 3750 ctttgtgcct 3810 | 3400 ggtggattac 3460 ctgcaggagg 3520 aaagcaggag 3580 attgctgget 3640 ctgaccacag 3700 gaggccacat 3820 gccaccttca 3880     | ggaacaacaa 3470 ctaaagatat 2530 acttccttga 3590 atcccttgc 3650 ccaaagataa 3710 cctatgccct 3770 gttgctcaa 3830 tggtgttcca 3890 | 3420  cgaqaaagae 3480  ttgcgaggag 3540  agccaactac 3600  ccaqatgggc 3660  gaaccgctgg 3720  cttggcccta 3780  tgaacagaga 3840 |

## FIG. 2(IV)

| caataccaaa<br>3910 |                    | tgaccaccag<br>3930         | gaactgaacs<br>3940               | ttgatststc<br>3950 | cctccaactg<br>3960 |
|--------------------|--------------------|----------------------------|----------------------------------|--------------------|--------------------|
| cccagecgea<br>3970 |                    |                            | atccactggg<br>4000               | aatotgocag<br>4010 | cctcctçcça<br>4020 |
| tcagaagaga<br>4030 |                    | tga <b>çgợtttc</b><br>4050 | aca <del>șt</del> cacaș<br>4060  | ctgaaggaaa<br>4070 | aggc:aagg:<br>4080 |
| acsttgtsgg<br>4090 |                    | gtaccatgct<br>4110         | aaçgccaaag<br>4120               | atcaactcac<br>4130 | ctçtaataaa<br>4140 |
| 4150               | 4160               | 4170                       |                                  | 4190               | 4200               |
| 4210               | 4220               | 4230                       |                                  | 4250               | 4260               |
| 4270               | 4280               | 4290                       | ttt <del>je</del> tecaç<br>4300  | 4310               | 4320               |
| 4330               | 4340               | 4350                       | aagtatgagc<br>4360               | 4370               | 4380               |
| 4390               | 4400               | 4410                       | çtctcacast<br>4420               | 4430               | 4440               |
| 4450               | 4460               | 4470                       | cttztccagc<br>4480               | 4490               | 4500               |
| 4510               | 4520               | 4530                       | eggttctacc<br>4540               | 4550               | 4560               |
| 4570               | 4580               | 4590                       | tgccqctgtg<br>4600<br>qaacqqctqq | 4610               | 4620               |
| 4630               | 4640               | 4650                       | 4660<br>aaggttcagc               | 4670               | 4680               |
| 4690               | 4700               | 4710                       | 4720                             | 4730               | 4740               |
| 4750               | 4760               | 4770                       | 4780<br>agagaageee               | 4790               | 4800               |
| 4810               | 4820               | 4830                       | 4840                             | 4850               | 4860               |
| 4870               | 4880               | 4890                       | 4900                             | 4910               | 4920               |
| 4930               | 4940               | 4950                       | 4960                             | 4970               | 4980               |
| 4990               | 5000               | 5010                       | 5020                             | 5030               | 5040               |
| 136633335<br>0203  | çassacasse<br>5060 | minte queet .              | /DI II: E 26\                    |                    |                    |

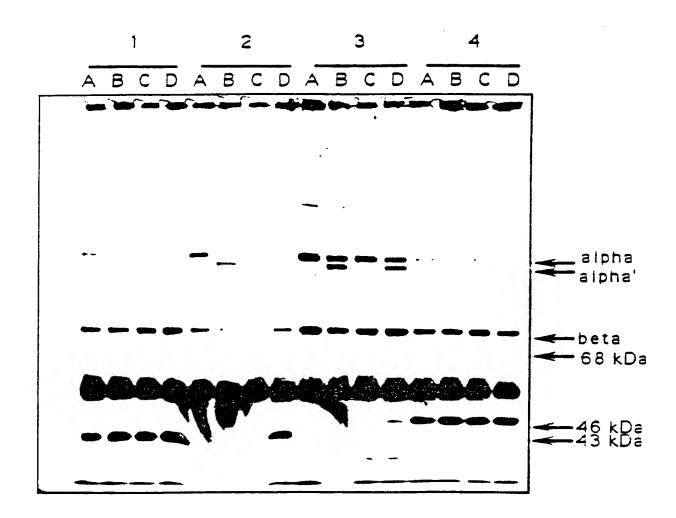


FIG. 3

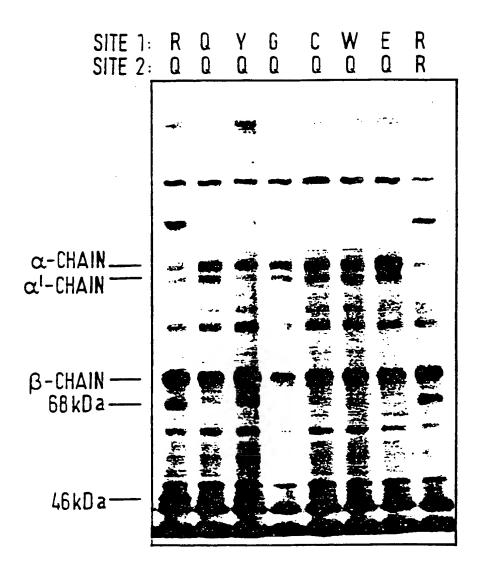
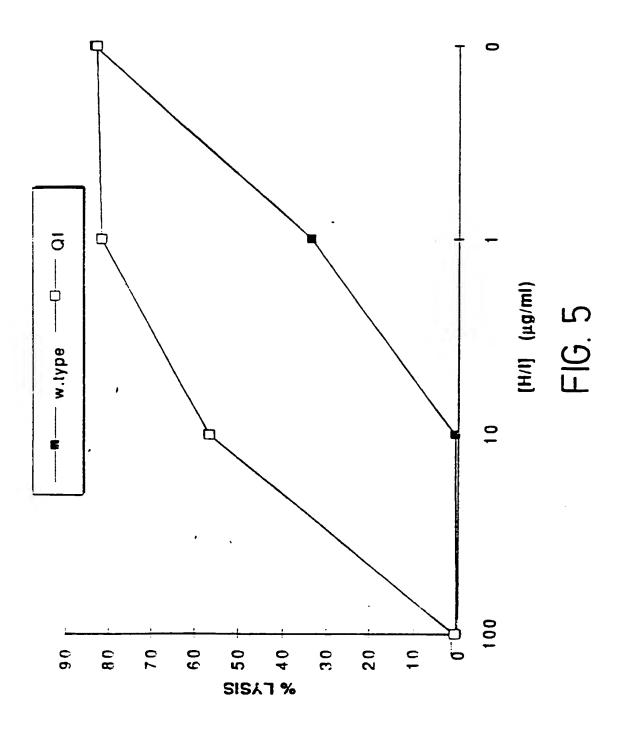


FIG. 4



SUBSTITUTE SHEET (RULE 26)

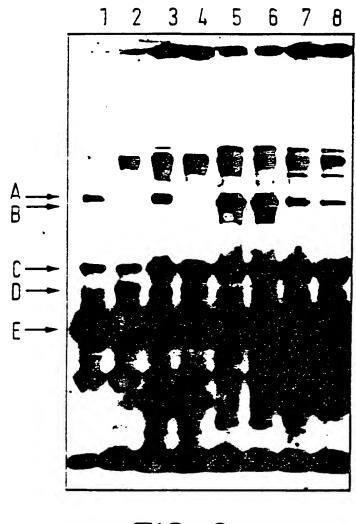


FIG. 6

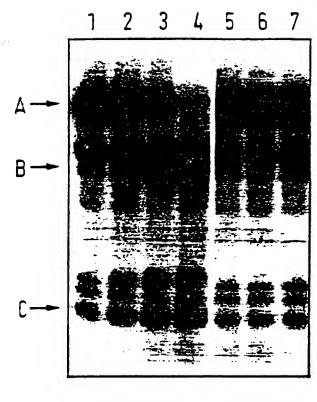


FIG. 7

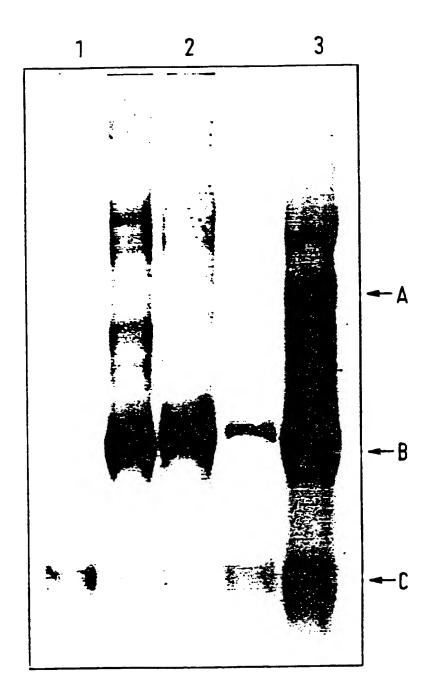
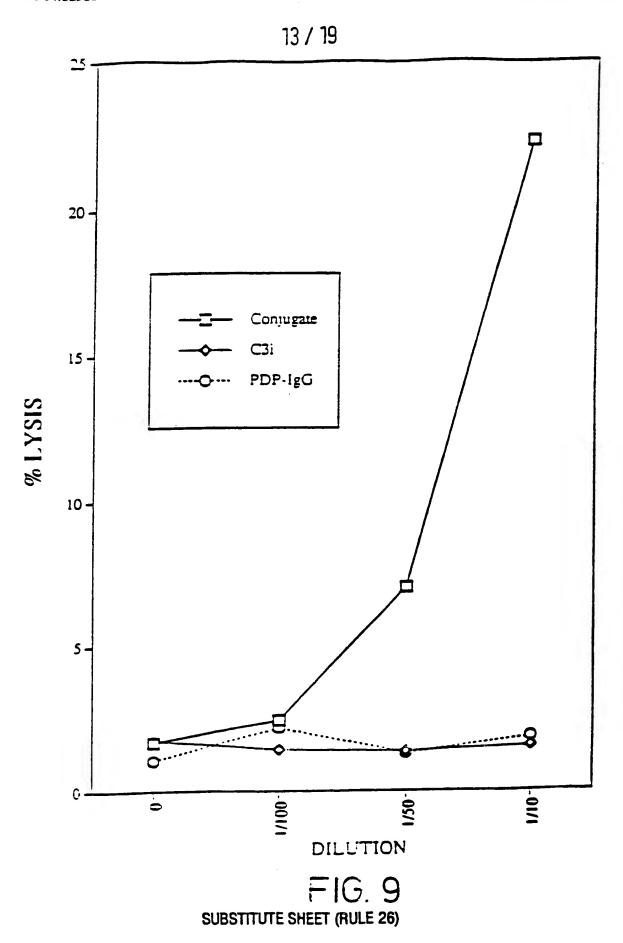


FIG. 8



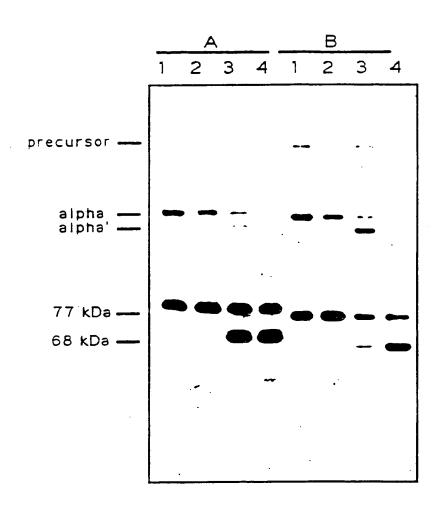
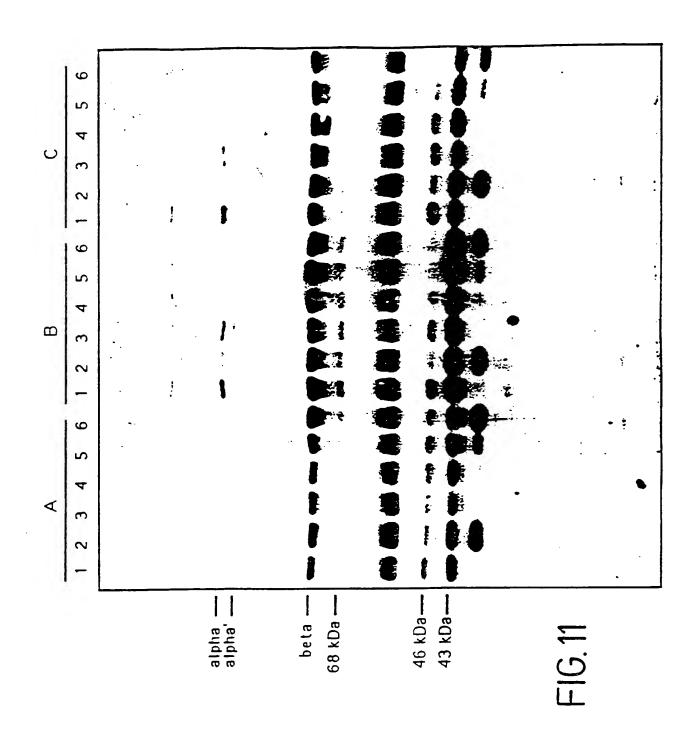


FIG. 10

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|          |        | $=\alpha_{-\alpha'}$ |                    |
|----------|--------|----------------------|--------------------|
|          | 2      | 1                    | r ut<br>· iš       |
|          | 4      |                      |                    |
| ~        | $\sim$ |                      | <b>42</b><br>1,    |
| <u> </u> | 7      | · •                  | *                  |
|          |        |                      |                    |
|          | 2      | 118                  |                    |
|          | 4      | 118                  |                    |
| ⋖        | $\sim$ | 118                  |                    |
|          | 7      |                      |                    |
|          |        | 1                    | •                  |
|          |        | α,-α=                | 77 kDa-<br>68 kDa- |

F16.72

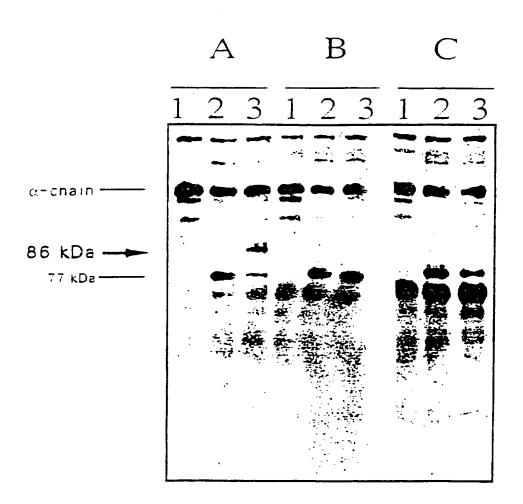


FIG. 13

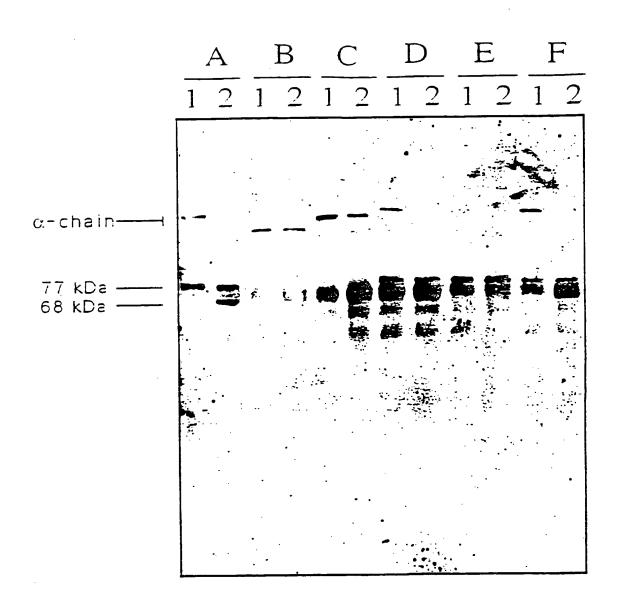


FIG. 14

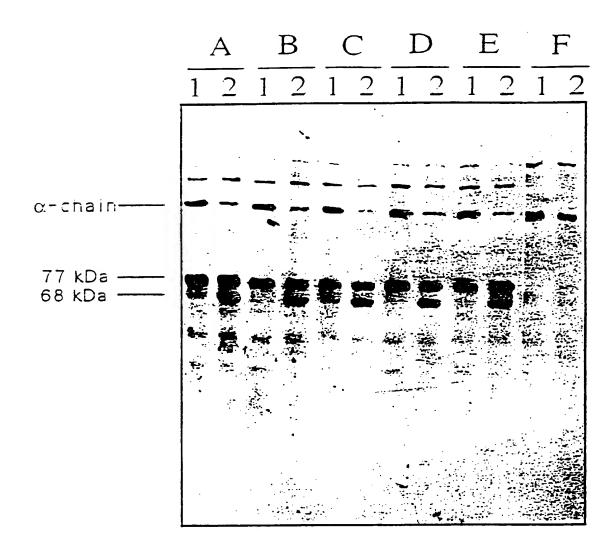


FIG. 15

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